

## ABSTRACT OF THE DISCLOSURE

A method of differentiating embryonic stem cells into neural precursor cells is disclosed. In one embodiment the method comprises the steps of (a) obtaining an embryonic stem cell culture, (b) propagating the stem cells, (c) forming embryoid bodies from the stem cells, and (d) culturing the embryoid bodies in a medium containing an effective amount of fibroblast growth factor 2, wherein neural precursor cells will be generated and isolated.

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